

AGENDA ITEM: 18

SUBJECT: Uncontested Waste Discharge Requirements

BOARD ACTION: Consideration of Waste Discharge Requirements

a. **City of Avenal and Madera Disposal Systems, Inc., Avenal Regional Landfill, Kings County, – Amendments to Orders R5-2005-0023 and R5-2012-0121**

The City of Avenal and Madera Disposal Systems, Inc., a subsidiary of Waste Connections, hereinafter referred to jointly as “Discharger”, own and operate the Avenal Regional Landfill (Facility), respectively. The Facility is located northeast of the intersection of State Road 269 and Hydril Road within the incorporated limits of the City of Avenal. On 27 January 2005, the Central Valley Regional Board issued Order No. R5-2005-0023, which continued to classify the Facility as a Class III landfill for the discharge of non-hazardous waste and non-designated solid waste.

The Facility is on a 173-acre property and the landfill consists of existing unlined units covering approximately 45 acres and lined units that will cover up to approximately 78 acres. There has been no indication of a release of any waste constituents from the Facility. On 27 September 2018, the Discharger submitted a revised Joint Technical Document (JTD) for the landfill. The JTD and supporting documents contain information related to this revision of the WDRs including the acceptance of non-hazardous, non-designated liquid waste for solidification prior to disposal.

This Order would allow for the Discharge to accept non-hazardous, non-designated liquid waste for solidification prior to disposal.

b. **Plumas County Department of Public Works, Chester Municipal Solid Waste Class III Landfill – Amendment to Order 05-01-175**

The County of Plumas (Discharger) owns and maintains the Chester Class III Municipal Solid Waste Landfill (Facility) located about five miles east of the town of Chester, Plumas County. The Facility is on a 40-acre property, with approximately 28 acres dedicated to a single, unlined waste management unit (WMU). The Facility began accepting municipal solid waste (MSW) in 1972 and ceased accepting waste in January 1995 when construction of the transfer station was completed. The WMU still accepts green waste year-round and accepts inert construction and demolition waste during the dry season, from April through October. During its operating life, the WMU typically received less than one-ton of MSW per day. The WMU has gas monitoring wells located along its perimeter; methane has not been detected above

0.1 percent in the perimeter wells for 10 years. The Facility has no leachate collection and removal system (LCRS).

In 2001, groundwater monitoring data indicated that a release had occurred after elevated concentrations of inorganic monitoring parameters and volatile organic compounds (VOCs) were detected in downgradient wells. In response, the Discharger proposed corrective actions that included adding cover material to non-operating areas of the Facility, regrading the cap to improve surface runoff and discourage ponding, and improving the perimeter drainage ditches. Corrective actions were completed in June 2004. Additionally, three additional downgradient monitoring wells were installed in May 2002 to further aid in delineation of the groundwater impacts; these wells have failed to consistently produce water. Following implementation of the corrective action measures, analysis of monitoring data for the Facility initially indicated stable to decreasing concentrations of general mineral constituents; however, VOCs have been detected in downgradient monitoring wells CL-2 and CL-5. Additionally, CL-2 has increasing trends for several inorganic monitoring parameters and has exceeded intrawell concentration limits for chloride, sulfate and potassium. These findings indicate that the corrective actions implemented may be inadequate in addressing groundwater impacts associated with the Facility. Waste Discharge Requirements (WDRs) Order R5-2019-XXXX requires submittal of a revised Corrective Action Plan to address these groundwater impacts.

This Order updates the WDRs for the Facility as part of a periodic review, to incorporate revisions to regulations and policies adopted thereunder, and for continued monitoring of the Facility. There are no issues associated with the requested changes. The tentative Order was issued for a 30-day public comment period on 31 July 2019 with comments due by 30 August 2019. No comments were received. We are not aware of any unresolved issues.

c. Tomatek, Inc. and City of Firebaugh, Tomato Processing Facility, Fresno County– Amendment to Order 94-072

Tomatek, Inc (Tomatek) owns and operates a tomato processing facility (Facility) in western Fresno County. The City of Firebaugh owns the land application area (LAA) which receives wastewater from the Facility. The Facility and LAA are in Firebaugh and are regulated by Waste Discharge Requirements Order 94 072, which allows a discharge of up to 2.2 million gallons per day of tomato processing wastewater to the LAA.

On 28 December 2018, Tomatek and the City submitted a Report of Waste Discharge to update WDRs 94 072 to be representative of current Facility operations. The Facility operates during the tomato harvest season from approximately July through October and produces various tomato products (e.g., bulk and consumer paste, diced product, and sauces). The Facility operates 24

hours per day, every day during the harvest season. During the off-season, the Facility produces limited products using on-hand inventory.

The proposed Order requires Tomatek to sample and monitor the quantity and quality of its tomato processing wastewater, submit quarterly monitoring reports, and submit a Salinity Reduction Study Workplan, a Wastewater and Nutrient Management Plan, a Metal Evaluation and Minimization Plan, and a Groundwater Monitoring Network Evaluation and Well Installation Workplan. The proposed Order includes a six-year time schedule to come into compliance with the BOD and total nitrogen mass loading limitations in Effluent Limitations C.1; Groundwater Limitations E.1; and Land Application Area Specification F.4. WDRs 94-072 will be rescinded by this Order. Tentative waste discharge requirements for the Facility were issued for a 30-day public comment period on 16 July 2019. No comments were received.

RECOMMENDATION: Adopt the Waste Discharge Requirements